breakout ABSTRACT

TITLE

IMPLEMENTATION OF A NATIONAL ENVIRONMENTAL INFORMATION EXCHANGE NODE (NEIEN) AS THE UTAH ENVIRONMENTAL PUBLIC HEALTH TRACKING NETWORK EXCHANGE GATEWAY.

TRACK

Technology

OBJECTIVES

Understanding of the EPA and State program to implement the NEIEN. Understanding of the technological approach for the Utah NEIEN. Understanding of the requirements to adapt the Utah NEIEN to support the Utah EPHTN

SUMMARY

The Utah Environmental Public Health Tracking Network (EPHTN) contracted with the Utah Department of Environmental Quality (UDEQ) to share their National Environmental Information Exchange Node (NEIEN) as the EPHTN data exchange gateway. A client version of the UDEQ NEIEN was installed within the Utah EPHTP. The UDEQ NEIEN uses web services and extended markup language (XML) encoding to ensure secure data exchange. Testing of the node demonstrates its flexibility to support exchange of a variety of data formats to include database structures, text files, executable files and graphic files. The structure and technical development of the UDEQ NEIEN application will be presented along with plans for enhancements to support dual agency use of the technology. The organizational partnering agreements set up to support the relationship between UDEQ and the EPHTN will also be presented.

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